

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT PROGRAM APPLICATION AREA 2

Thank you for your interest in the Energy Efficiency and Conservation Block Grant Program (EECBG). EECBG is a federally funded program administered by the Indiana Office of Energy Development (OED). Due to the limited amount of funds available, submission of an application does not guarantee funding. **Incomplete applications will not be reviewed.** A separate application must be completed for each Area of Interest.

<u>Project construction can not begin until after January 6, 2010.</u> Applicants will be informed of award or denial of grant funds on that date. Costs incurred prior to approval of award and executions of the grant agreement (contract) are made at the applicant's risk and are not reimbursable upon award. Funding is assured only after final execution of the grant agreement.

Before beginning the application, please read the document entitled "Guidelines for the Energy Efficiency Block Grant Program", which includes the guidelines to this program.

Only complete applications will be reviewed. The application must be completed and submitted in Microsoft Word 2003 or higher. Submission of the application document in .pdf or .jpg format will not be accepted. Attachments to the application may be in .pdf or .jpg format such as the last page of the application which requires signatures, literature about the selected technology, energy audit, and quotes. You will have to scan some documents in order to submit them electronically with your application. All documents submitted must be received in electronic format only. All information requested must be included. All reporting will be via email so an email address that is monitored regularly as well as a reliable internet connection is necessary to being awarded EECBG funds. Each section in the application is addressed below with specific instructions. To begin, click the mouse in the gray box next to "Applicant Organization Name." To move to the next box, press tab or click inside the desired box.

Completed applications shall be submitted via email to the address below by no later than 5:00PM EDT on 12/7/09. Paper submissions will not be accepted.

Grant Contact: Carmen Pippenger

Director of Programs 101 West Ohio St., Suite 1250 Indianapolis, IN 46204

E-MAIL: capippenger@oed.in.gov

ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT PROGRAM APPLICATION-AREA 2

Please follow all directions carefully and complete all sections as directed.

Applicant information- Organization contact is the person that is going to sign the grant contract if awarded. The project contact is the person in the applicant organization that is in charge of the project on a daily basis and will complete the quarterly and final reports. These could be the same person, but do not have to be. Email contact is required and the email address provided must be a reliable one that is monitored regularly as OED communicates primarily via email. If your organization does not have a DUNS number, go to the Dun & Bradstreet (D&B) online registration located at http://fedgov.dnb.com/webform/displayHomePage.do to receive a number free of charge or call 1-800-234-3867. Please be aware that this process may take up to 10 days so please do not wait until the application is due to obtain your DUNS.

Applicant Information						
Applicant Organization Name City of Tell City						
Address						
City Tell City	County	Perry	State IN	Zin 47586		
Federal ID#	DU	JNS #				
Project Address (11 differen	nt) 700 Main S	Street, 601 Ma	nin Street, & 423	Fulton Street		
City Tell City	County	Perry	State IN	Zip 47586		
Nature of Organization	Municipality -	Non-Entitleme	ent Community			
	Contact I	nformation				
Organization Contact (pe	erson that will sig	gn the contra	et)			
First Name Barbara	Last Name	Ewing				
Address PO Box 515						
City Tell City	State	IN	Zip Code	47586		
Phone	Email	1	t			
Project Contact (the main	n contact for rep	orting, if diffe	erent than abov	e)		
First Name Mack	Last Name					
Address PO Box 9						
City Tell City	State	IN	Zip Code	47586		
Phone	Email	1	.com	1		
Installer Contact						
First Name Josh	Last Name					
Phone	Email	(il.co	m		

Project Description- Fill in the information adjacent to the technology chosen and within the same dark line as the technology. Eligible applicants may apply for multiple areas of interest; however, only one application per area will be accepted. Grantees may not apply for additional funding to supplement any funding previously awarded under this program. Please visit

http://www.eecbg.energy.gov/solutioncenter/applicationresources/default.html for the EECBG Estimated Expected Benefit Calculator to determine anticipated energy savings, job creation, and GHG emission reduction numbers. The total funds leveraged by the applicant is the amount of money for project costs which the applicant is not requesting grant money reimbursement. Total cost for Area 1 project activities is the total dollar amount that the project costs including funds leveraged by the applicant as well as the funds requested by the applicant as grant money. Consult with your installer to get the technical information requested if necessary.

Project Description						
Area 2:	Total # of units to be ret	rofitted		544	544	
Lighting	Total wattage of existing	g lights to be ret	rofitted	71.4	-102 kW	
Retrofits for	Total # of new units pro	posed		0		
Government-	Total wattage of propose	ed lights		34.4	1264 kW	
Owned	Warranty	1 years	Expected Li	ife	15 years	
Structures	Light usage monitoring	system propose	d (Y/N)	Y		
	Type of monitoring syste	em		Motion Sensors		
	Total EECBG funds requ	uested for Area	2	\$ 63,432.29		
	Proposed total funds lev	eraged by appli	cant	\$	0.00	
	Proposed total cost for A	Area 2 project ac	ctivities	\$ 63	,432.29	
	Annual Expected Estimated Energy Savings 126656 kWh					
	Annual total number of jobs created and/or retained 1					
	Annual total # of GHG emissions reduced (CO ₂ 122					
	equivalent)					

Executive Summary

The executive summary shall not exceed page 4 of this document. Please address the activities associated with the application. Within this section, the applicant should address any possible environmental issues as well as a plan for addressing them. Applicants will submit a separate document listing the specific lighting improvements.

The City of Tell City desires to be as energy efficient as possible in the operations of all Departments of the City. When the City and the Tell City Electric Department became aware of the Energy Efficiency and Conservation Block grant Program, we believed that this would be an excellent opportunity to enhance our energy efficiency efforts. Currently Tell City Electric is involved with their wholesale power supplier, the Indiana Municipal Power Agency, with implementations of two energy efficiency programs.

Representatives from Tell City Electric Department attended a regional meeting to learn more about this program. A meeting was held with Tell City Mayor Barbara Ewing and then the City of Tell City decided to apply for these grants in a joint effort with Tell City Electric. We also contacted the Office of Energy Development for additional information and clarification about the application process.

Tell City Electric and the City have since completed an inventory of City and Electric Department buildings to determine which qualify for grant funding.

Tell City Electric, which is responsible for completing the project, has specified the replacement equipment required to complete the project and have developed a cost estimate for the project equipment. Tell City Electric has requested and will be receiving official bids for completing the removal/installation of equipment. Once removed, the old equipment will be disposed of properly so it can't be used again or recycled as raw material.

The City of Tell City had an environmental review questionnaire and preparation of a Section 106 Review completed for Tell City City Hall at 700 Main Street; Tell City Electric Department at 601 Main Street, and Tell City Electric Department at 423 Fulton Street, all in Tell City Indiana. There are no concerns in reference to these reviews.

Tell City Electric did an Energy Audit that was based on a 12 hour work day, total of 256 days actually worked.

The spec sheets for the lamps are generic. The spec sheets for the fixtures are what we will be get if approved for this grant. All parts bought and installed for this grant will comply with grant rules.

Applicant Background

Provide a <u>brief</u> history of the applicant organization, pertinent individuals, and project partners. This section shall not exceed this page. Explain why the applicant is interested in carrying out this project and give reasons for why the project will be successful. Provide applicant's or partner's experience with project management and energy conservation.

Founded in 1858 by the Swiss Colonization Society, Tell City is located in southern Indiana along the banks of the Ohio River and serves a population of 7845 citizens. The center of Tell City's local government is located within the City Hall Building at 700 Main Street in downtown Tell City.

Constructed in 1896, City Hall has seen several changes in its interior over the years with the last renovation completed in 1986. As Tell City government continues to recognize the importance of energy efficiency, several lighting changes are needed within the interior of City Hall, as well as the City's traffic signals.

In partnering with the Tell City Electric Department in implementing energy efficient lighting at both the Tell City Electric Department Office Building and Operations Building, further reduction of carbon emissions would be recognized for the Tell City community.

To further demonstrate Tell City's commitment to improving the community's environment, Tell City received the "Clean City" designation in 2008 by the Indiana Department of Environmental Management. The Clean City Committee, with the support of the Tell City Common Council, is chaired by Mayor Barbara Ewing and City Councilmember Tony Hollinden. Through this year's Clean City goals, Tell City has implemented measures to conserve fuel usage with city vehicles, increase recycling within the community through a partnership with the Tell City-Troy Township School Corporation, and continue to support the usage and implementation of recycled tire materials in the city street paving program.

The awarding of this grant application will allow the City of Tell City to install more energy efficient lighting and reduce carbon emissions, a goal in the City's Clean City Initiative.

The Tell City Electric Department was created on August 27, 1941 when the Tell City Common Council passed Ordinance Number 259 approving the purchase of the Ohio River Power Company. This company was then providing electric service to Tell City and the surrounding area. The purchase price was \$475,000.00 and was financed by selling revenue bonds.

Tell City Electric is governed by a Board of Directors and the Superintendent, Marlow Smethurst, supervises operations of the Department.

Tell City Electric currently serves 4,170 customers. Tell City Electric is a member of the Indiana Municipal Power Agency (IMPA), which is the wholesale power supplier for Tell City Electric.

Tell City Electric desires to be as energy efficient as possible. Since 1988 Tell City Electric has been involved in upgrading their distribution voltage from 4160 volts to 13,800 volt operation to be more efficient in energy delivery. Tell City Electric purchases transformers and other equipment that improve our energy efficiency.

Tell City Electric will be able to enhance our total energy efficiency by installing more energy efficient lighting in City Buildings.

Tell City Electric has the funding available to pay for these projects upfront if the City of Tell City should be awarded this grant.

Project Budget

This is a short summary of project costs. Detailed project costs should be provided in the quotes accompanying the application. A statement of financial need, bank statement, letters of funding commitment etc. specifying the exact amount from outside sources etc. should also be included to specify the source of any leveraged funding. If another grant is also contributing to project funding, proof of award must accompany the application. Cost share is not required so "Applicant share" can be "0" and the applicant share table may be left blank.

Item	Cost
1. Audit (optional)	\$ 2,574.21
2. Equipment	\$44,424.71
3. Engineering	\$ 543.45
4. Site Preparation	\$ 0.00
5. Installation	\$15,889.92
Total cost (1-5)	\$63,432.29
Grant request	\$63,432.29
Applicant share (total cost – grant)	\$

Additional funding sources	Amount
	\$
	\$
	\$

^{**}Make sure to disclose proof of additional funding sources.

Project Timeline

Projects may not begin before January 6, 2010 and projects must be completed by December 31, 2010.

Action	Date
Application deadline	Feb 8, 2010
Conduct environmental review if necessary	1 week after grant approval
Begin project	1 week after environmental review
Order equipment	1 week after project begins
Equipment arrives	1 month after order placed
Installation begins	1 week after equipment arrives
Installation complete	3 months after equipment arrives
Funds drawn down	1 month after installation complete (by
	December 31, 2010)

Historical Energy Usage

Calculate the total kWh and electricity cost of all the units that will be retrofitted and plug that info in the table below.

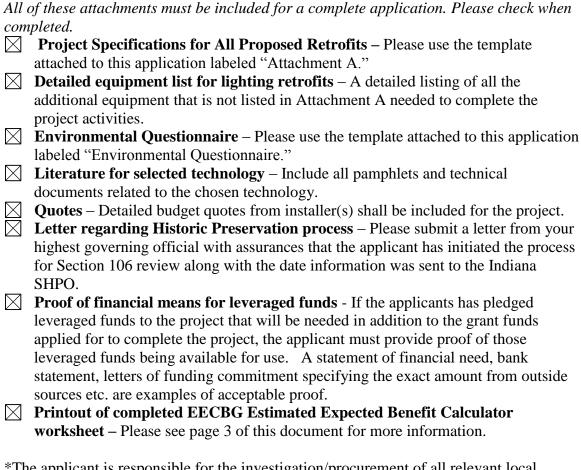
	Electricity Data						
Month	(1) kWh	(2) Total Charge	Avg. cost per kWh (Column 2 divided by 1)				
Jul-08	18852	\$2182.74	\$0.1157				
Aug-08	17996	\$2111.40	\$0.1173				
Sep-08	17996	\$2111.40	\$0.1173				
Oct-08	19710	\$2254.07	\$0.1143				
Nov-08	17138	\$2040.08	\$0.1190				
Dec-08	18852	\$2182.74	\$0.1157				
Jan-09	17996	\$2111.40	\$0.1173				
Feb-09	17138	\$2040.08	\$0.1190				
Mar-09	18852	\$2182.74	\$0.1157				
Apr-09	18852	\$2182.74	\$0.1157				
May-09	18007	\$2112.41	\$0.1173				
Jun-09	17983	\$2110.41	\$0.1173				
Total	219372	\$25622.21	\$0.1167				
Average	18281	\$2135.18	\$0.1167				

Economic Performance of Project

- A-As determined by energy audit or in-house evaluation.
- B-Referencing the table above, plug in the average cost per kWh for the whole year.
- *C- Multiply the number from A times the price in B.*
- *D- Retrieve from page 6 in application*
- E- Retrieve from page 6 in application
- F- Take the value in D and subtract the value from E
- G- Divide the value from D by the value from C
- *H- Divide the value from F by the value from C*

A	kWh saved per year	113657kWh/yr
В	Average cost of a kWh of electricity	\$ 0.12/kWh
C	Estimated annual savings (A x B)	\$ 13,638.84
D	Total project cost (from page 6)	\$ 63,432.29
Е	Grant request (from page 6)	\$ 63,432.29
F	Net project cost (D –E)	\$ 0.00
G	Unsubsidized payback period (D/C)	4.65 years
Н	Subsidized payback period (F/C)	0 years

Attachments



*The applicant is responsible for the investigation/procurement of all relevant local permits as well as any environmental review needed prior to conducting the project. *OED may request additional information after submission from an applicant to help evaluate an application. An applicant's failure to adequately address the request for additional information will likely result in the applicant being denied funding.

Certifications & Assurances

If awarded an EECBG grant, all grantees will be required to attest to the following certifications in the Grant Agreement. Therefore, the clauses below are reproduced for the purpose of informing possible grantees of the certifications and assurances that will be included in their Grant Agreement. Grantees should also review the instructions for certification included in the regulations before signing this Grant Agreement. Signature of the Grant Agreement provides for compliance with certification requirements under 34 CFR Part 82 and 34 CFR Part 85.

I. LOBBYING

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$ 10,000 and not more than \$ 100,000 for each such failure.

II. DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS

- (1) The Grantee certifies to the best of its knowledge and belief, that it and its principals:
- (a) are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from transactions by any Federal department or agency;
- (b) have not within a three-year period preceding this Grant Agreement been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
- (c) are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and

- (d) have not within a three-year period preceding this Agreement had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the primary Grantee is unable to certify to any of the statements in section II (1), Grantee shall provide a written explanation to the Office of Energy and Development immediately.

III. LOBBYING DISCLOSURE ACT OF 1995, SIMPSON-CRAIG AMENDMENT

Applicant organizations which are described in section 501(c)(4) of the Internal Revenue Code of 1986 and engage in lobbying activities after December 31, 1995, shall not be eligible for the receipt of Federal funds constituting an award, grant, or loan. Section 501(c)(4) of the Internal Revenue Code of 1986 covers:

Civic leagues or organizations not organized for profit but operated exclusively for the promotion of social welfare, or local associations of employees, the membership of which is limited to the employees of a designated person or persons in a particular municipality, and the net earnings of which are devoted exclusively to charitable, educational, or recreational purposes.

As set forth in the Lobbying Disclosure Act of 1995 (Public Law 104-65, December 19, 1995) as amended ["Simpson-Craig Amendment," see Section 129 of the Balanced Budget Downpayment Act, I (Public Law 104-99, January 26, 1996)], lobbying activities is defined broadly. (See section 3 of the Act.)

The Grantee certifies, to the best of his or her knowledge and belief, that: it <u>IS NOT</u> an organization described in section 501(c)(4) of the Internal Revenue Code of 1986; OR that it <u>IS</u> an organization described in section 501(c)(4) of the Internal Revenue Code of 1986, which after December 31, 1995, <u>HAS NOT</u> engaged in any lobbying activities as defined in the Lobbying Disclosure Act of 1995, as amended.

IV. ADDITIONAL AUDIT REQUIREMENTS FOR GRANTEES THAT EXPEND OVER \$500,000 IN FEDERAL AWARDS PER YEAR

Any grantee expending **Five Hundred Thousand Dollars** (\$500,000) or more in **Federal awards per year** must have an audit made for that

year by an independent auditor. For-profit organizations should consult 10 CFR 600.316 for guidance. Non-profit organizations, institutions of

higher education, and local governments should consult the Single Audit Act Amendments of 1996 (31 U.S.C. 7501-7507) and revised

OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations" for guidance.

U.S. DEPARTMENT OF ENERGY ASSURANCE OF COMPLIANCE NONDISCRIMINATION IN FEDERALLY ASSISTED PROGRAMS

GRANTEE HEREBY AGREES to comply with Title VI of the Civil Rights Act of 1964 (Pub.L. 88-352), Section 16 of the Federal Energy Administration Act of 1974 (Pub.L. 93-275), Section 401 of the Energy Reorganization Act of 1974 (Pub.L. 93-438), Title IX

of the Education Amendments of 1972, as amended (Pub.L. 92-318, Pub.L. 93-568, and Pub.L. 94-482), Section 504 of the Rehabilitation Act of 1973 (Pub.L. 93-112), the Age Discrimination Act of 1975 (Pub.L. 94-135), Title VIII of the Civil Rights Act of 1968 (Pub.L. 90-284), the Department of Energy Organization Act of 1977 (Pub.L. 95-91), and the Energy Conservation and Production Act of 1976, as amended (Pub.L. 94-385) and Title 10, Code of Federal Regulations, Part 1040. In accordance with the above laws and regulations issued pursuant thereto, the Applicant agrees to assure that no person in the United States shall, on the ground of race, color, national origin, sex, age, or disability, be excluded from participation in, be denied to benefits of, or be otherwise subjected to discrimination under any program or activity in which the Grantee receives Federal assistance from the Department of Energy.

I. Applicability and Period of Obligation

In the case of any service, financial aid, covered employment, equipment, property, or structure provided, leased, or improved, with Federal assistance extended to the Grantee by the Department of Energy, this assurance obligates the Grantee for the period during which Federal assistance is extended. In the case of any transfer of such service, financial aid, equipment, property, or structure, this assurance obligates the transferee for the period during which Federal assistance is extended. If any personal property is so provided, this assurance obligates the Grantee for the period during which it retains ownership or possession of the property. In all other cases, this assurance obligates the Grantee for the period during which the Federal assistance is extended to the Grantee by the Department of Energy.

II. Employment Practices

Where a primary objective of the Federal assistance is to provide employment or where the Grantee's employment practices affect the delivery of services in programs or activities resulting from Federal assistance extended by the Department, the Grantee agrees not to discriminate on the ground of race, color, national origin, sex, age, or disability, in its employment practices. Such employment practices may include, but are not limited to, recruitment advertising, hiring, layoff or termination, promotion, demotion, transfer, rates of pay, training and participation in upward mobility programs; or other forms of compensation and use of facilities.

III. Subrecipient Assurance

The Grantee shall require any individual, organization, or other entity with whom it subcontracts, subgrants, or subleases for the purpose of providing any service, financial aid, equipment, property, or structure to comply with laws cited above. To this end, the subrecipient shall be required to sign a written assurance form, however, the obligation or both recipient and subrecipient to ensure compliance is not relieved by the collection or submission of written assurance forms.

IV. Data Collection and Access to Records

The Grantee agrees to compile and maintain information pertaining to programs or activities developed as a result of the Grantee's receipt of Federal assistance from the Department of Energy. Such information shall include, but is not limited to, the following: (1) the manner in which services are or will be provided and related data

necessary for determining whether any persons are or will be denied such services on the basis of prohibited discrimination; (2) the population eligible to be served by race, color, national origin, sex, age, and disability; (3) data regarding covered employment including use or planned use of bilingual public contact employees serving beneficiaries of the program where necessary to permit effective participation by beneficiaries unable to speak or understand English; (4) the location of existing or proposed facilities connected with the program and related information adequate for determining whether the location has or will have the effect of unnecessarily denying access to any person on the basis of prohibited discrimination; (5) the present or proposed membership by race, color, national origin, sex, age, and disability, in any planning or advisory body which is an integral part of the program; and (6) any additional written data determined by the Department of Energy to be relevant to its obligation to assure compliance by recipients with laws cited in the first paragraph of this assurance.

The Grantee agrees to submit requested data to the Department of Energy regarding programs and activities developed by the Grantee from the use of Federal assistance funds extended by the Department of Energy, Facilities of the Grantee (including physical plants, building, or other structures) and all records, books, accounts, and other sources of information pertinent to the Grantee's compliance with the civil rights laws shall be made available for inspection during normal business hours on request of an officer of employee of the Department of Energy specifically authorized to make such inspections. Instructions in this regard will be provided by the Director, Office of Civil Rights, U.S. Department of Energy.

This assurance is given in consideration of and for the purpose of obtaining any and all Federal grants, loans, contracts (excluding procurement contracts), property, discounts or other Federal assistance extended after the date hereto, to the Grantees by the Department of Energy, including installment payments on account after such data of application for Federal assistance which are approved before such date. The Grantee recognizes and agrees that such Federal assistance will be extended in reliance upon the representation and agreements made in this assurance and that the United States shall have the right to seek judicial enforcement of this assurance. This assurance is binding on the Grantee, the successors, transferees, and assignees, as well as the person(s) whose signature appears on this Grant Agreement and who are authorized to sign this assurance on behalf of the Grantee.

Grantee certifies by signing this Grant Agreement that it has complied, or that, within ninety (90) days of the date of this grant, will comply with all applicable requirements of 10 C.F.R. § 1040.5. A copy will be furnished to Grantee upon written request to the Office of the Lieutenant Governor, Office of Energy Development.

Applicant Affirmations

The Applicant hereby affirms that it is properly registered with the Indiana Secretary of State (if applicable) and is in good standing with the Indiana Department of Revenue and the Department of Workforce Development. The Applicant also affirms that 1) there are no outstanding enforcement actions against it by the Indiana Department of Environmental Management, 2) all permits have been acquired or are in the process with the Indiana Department of Environmental Management and Indiana Department of Natural Resources, and 3) there are no significant workforce issues, such as a pending reduction in the applicant's workforce or pending or threatened workforce action against the Applicant. The below-named signatory(ies) hereby warrant that they are authorized to make such affirmations to the Indiana Office of Energy Development.

I attest that, to the best of my knowledge, all information provided in this application and

in conjunction with this application is fa	actual.
Authorized Official (signature)	Project Manager (signature)
_Barbara Ewing, Mayor Name and Title (type or print)	Name and Title (type or print)
 Date	Date

lighting type existing lighting units per existing units lighting type proposed lighting type proposed lighting units proposed units T12 1 163.2 700 MAIN, L-1 T8 1 84.84 T12 2 81.6 700 MAIN, L-3 T8 1 42.42 T12 1 81.6 700 MAIN, L-3 T8 1 42.42 T12 1 81.6 700 MAIN, L-3 T8 1 56.56 T12 1 81.6 700 MAIN, L-3 T8 1 56.56 INCAND 2 150 700 MAIN, L-5 T2 2 14 T12 3 163.2 700 MAIN, L-6 T8 3 56.56 T12 9 163.2 700 MAIN, L-7 T8 9 56.56 INCAND 1 100 700 MAIN, L-10 T8 7 42.42 T12 2 163.2 700 MAIN, L-10 T8 7 42.42 T12 </th <th>Existing</th> <th># of</th> <th>wattage</th> <th>Location (building, room #)</th> <th>proposed</th> <th># of</th> <th>wattage</th>	Existing	# of	wattage	Location (building, room #)	proposed	# of	wattage
Tile			per		lighting		per
T12 1 163.2 700 MAIN, L-1 T8 1 84.84 T12 2 81.6 700 MAIN, L2 T8 2 42.42 T12 1 81.6 700 MAIN, L-3 T8 1 42.42 T12 1 81.6 700 MAIN, L-3 T8 2 56.56 T12 1 163.2 700 MAIN, L-4 T8 1 56.56 T12 1 163.2 700 MAIN, L-4 T8 1 56.56 INCAND 2 150 700 MAIN, L-6 T8 3 56.56 T12 9 163.2 700 MAIN, L-6 T8 3 56.56 T12 9 163.2 700 MAIN, L-7 T8 9 56.56 T12 9 163.2 700 MAIN, L-7 T8 9 56.56 T12 9 163.2 700 MAIN, L-7 T8 9 56.56 INCAND 1 100 700 MAIN, L-9 T2 <td>type</td> <td></td> <td>_</td> <td></td> <td>type</td> <td>0 0</td> <td></td>	type		_		type	0 0	
T12 2 81.6 700 MAIN, L2 T8 2 42.42 T12 1 81.6 700 MAIN, L3 T8 1 42.42 T12 2 163.2 700 MAIN, L-3 T8 2 56.56 T12 1 81.6 700 MAIN, L-3 T8 1 56.56 T12 1 163.2 700 MAIN, L-4 T8 1 56.56 INCAND 2 150 700 MAIN, L-6 T8 3 56.56 T12 3 163.2 700 MAIN, L-6 T8 3 56.56 T12 9 163.2 700 MAIN, L-7 T8 9 56.56 T12 2 163.2 700 MAIN, L-7 T8 9 56.56 T12 2 163.2 700 MAIN, L-7 T8 9 56.56 INCAND 1 100 700 MAIN, L-1 T8 7 42.42 T12 1 163.2 700 MAIN, 1-1 T8	T12			700 MAINLE 1	TO		
T12 1 81.6 700 MAIN, L3 T8 1 42.42 T12 2 163.2 700 MAIN, L-3 T8 2 56.56 T12 1 81.6 700 MAIN, L-3 T8 1 56.56 T12 1 163.2 700 MAIN, L-4 T8 1 56.56 INCAND 2 150 700 MAIN, L-5 T2 2 14 T12 3 163.2 700 MAIN, L-6 T8 3 56.56 T12 9 163.2 700 MAIN, L-7 T8 9 56.56 T12 2 163.2 700 MAIN, L-7 T8 9 56.56 T12 2 163.2 700 MAIN, L-9 T2 1 14 T12 7 81.6 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, L-11 T8 1 84.84 T12 1 163.2 700 MAIN, 1-3 T8							
T12 2 163.2 700 MAIN, L-3 T8 2 56.56 T12 1 81.6 700 MAIN, L-3 T8 1 56.56 T12 1 163.2 700 MAIN, L-3 T8 1 56.56 INCAND 2 150 700 MAIN, L-5 T2 2 14 T12 3 163.2 700 MAIN, L-6 T8 3 56.56 T12 9 163.2 700 MAIN, L-7 T8 9 56.56 T12 2 163.2 700 MAIN, L-7 T8 9 56.56 T12 2 163.2 700 MAIN, L-8 T8 2 56.56 INCAND 1 100 700 MAIN, L-9 T2 1 14 T12 7 81.6 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, 1-1 T8							
T12 1 81.6 700 MAIN, L-3 T8 1 56.56 T12 1 163.2 700 MAIN, L-4 T8 1 56.56 INCAND 2 150 700 MAIN, L-5 T2 2 14 T12 3 163.2 700 MAIN, L-6 T8 3 56.56 T12 9 163.2 700 MAIN, L-7 T8 9 56.56 T12 2 163.2 700 MAIN, L-7 T8 9 56.56 INCAND 1 100 700 MAIN, L-9 T2 1 14 T12 7 81.6 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, 1-1 T8 1 86.56.56 T12 3 163.2 700 MAIN, 1-3 T2 </td <td></td> <td></td> <td></td> <td>· ·</td> <td></td> <td></td> <td></td>				· ·			
T12 1 163.2 700 MAIN, L-4 T8 1 56.56 INCAND 2 150 700 MAIN, L-5 T2 2 14 T12 3 163.2 700 MAIN, L-6 T8 3 56.56 T12 9 163.2 700 MAIN, L-7 T8 9 56.56 T12 2 163.2 700 MAIN, L-7 T8 9 56.56 INCAND 1 100 700 MAIN, L-9 T2 1 14 T12 7 81.6 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, L-10 T8 7 42.42 T12 4 163.2 700 MAIN, L-10 T8 7 42.42 T12 4 163.2 700 MAIN, L-11 T8 1 84.84 T12 4 163.2 700 MAIN, 1-2 T8 3 56.56 INCAND 4 100 700 MAIN, 1-3 T8 </td <td></td> <td></td> <td></td> <td>·</td> <td></td> <td></td> <td></td>				·			
INCAND 2 150 700 MAIN, L-5 T2 2 14 T12 3 163.2 700 MAIN, L-6 T8 3 56.56 T12 9 163.2 700 MAIN, L-7 T8 9 56.56 T12 2 163.2 700 MAIN, L-7 T8 9 56.56 T12 2 163.2 700 MAIN, L-8 T8 2 56.56 T12 7 81.6 700 MAIN, L-9 T2 1 14 T12 7 81.6 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, L-11 T8 1 84.84 T12 4 163.2 700 MAIN, L-11 T8 4 56.56 T12 3 163.2 700 MAIN, 1-1 T8 4 56.56 T12 6 163.2 700 MAIN, 1-2 T8 3 56.56 INCAND 4 100 700 MAIN, 1-3 T2 4 14 T12 3 163.2 700 MAIN, 1-4 T8 3 56.56 T12 1 163.2 700 MAIN, 1-4 T8 3 56.56 T12 1 163.2 700 MAIN, 1-5 T8 1 56.56 T12 1 163.2 700 MAIN, 1-6 T8 1 56.56 INCAND 4 100 700 MAIN, 1-7 T2 4 14 T12 17 163.2 700 MAIN, 1-7 T2 4 14 T12 17 163.2 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-10 T2 1 14 T12 17 81.6 700 MAIN, 1-11 T8 10 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 42.42 INCAND 4 40 700 MAIN, 1-13 T3 17 56.56 INCAND 4 40 700 MAIN, 1-11 T8 10 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 42.42 INCAND 1 100 700 MAIN, 1-13 T2 4 42.42 INCAND 1 100 700 MAIN, 1-13 T2 4 42.42 INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-16 T8 16 42.42 T12 16 81.6 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3 T8 1 42.42 T12 1 81.6 700 MAIN, 2-4 T8 1 56.56 T12 1 81.6 700 MAIN, 2-4 T8 1 56.56 T12 1 81.6 700 MAIN, 2-5 T8 1 56.56 T12 1 81.6 700 MAIN, 2-5 T8				,			
T12 3 163.2 700 MAIN, L-6 T8 3 56.56 T12 9 163.2 700 MAIN, L-7 T8 9 56.56 T12 2 163.2 700 MAIN, L-8 T8 2 56.56 INCAND 1 100 700 MAIN, L-9 T2 1 14 T12 7 81.6 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, L-11 T8 1 84.84 T12 4 163.2 700 MAIN, 1-1 T8 4 56.56 T12 3 163.2 700 MAIN, 1-2 T8 3 56.56 T12 4 163.2 700 MAIN, 1-3 T8 6 56.56 INCAND 4 100 700 MAIN, 1-3 T2 4 14 T12 1 163.2 700 MAIN, 1-4 T8 3 56.56 T12 1 163.2 700 MAIN, 1-5 T8				·			
T12 9 163.2 700 MAIN, L-7 T8 9 56.56 T12 2 163.2 700 MAIN, L8 T8 2 56.56 INCAND 1 100 700 MAIN, L-9 T2 1 14 T12 7 81.6 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, L-10 T8 7 42.42 T12 4 163.2 700 MAIN, L-1 T8 4 56.56 T12 3 163.2 700 MAIN, 1-2 T8 3 56.56 T12 6 163.2 700 MAIN, 1-3 T8 6 56.56 INCAND 4 100 700 MAIN, 1-3 T8 6 56.56 T12 1 163.2 700 MAIN, 1-4 T8 3 56.56 T12 1 163.2 700 MAIN, 1-5 T8 1 56.56 T12 1 163.2 700 MAIN, 1-1 T2 <td></td> <td></td> <td></td> <td>/</td> <td></td> <td></td> <td></td>				/			
T12 2 163.2 700 MAIN, L8 T8 2 56.56 INCAND 1 100 700 MAIN, L-9 T2 1 14 T12 7 81.6 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, L-11 T8 1 84.84 T12 4 163.2 700 MAIN, 1-1 T8 4 56.56 T12 3 163.2 700 MAIN, 1-2 T8 3 56.56 T12 6 163.2 700 MAIN, 1-3 T8 6 56.56 INCAND 4 100 700 MAIN, 1-3 T8 6 56.56 T12 1 163.2 700 MAIN, 1-4 T8 3 56.56 T12 1 163.2 700 MAIN, 1-5 T8 1 56.56 T12 1 163.2 700 MAIN, 1-6 T8 1 56.56 INCAND 4 100 700 MAIN, 1-1 T2 </td <td></td> <td></td> <td></td> <td>,</td> <td></td> <td></td> <td></td>				,			
INCAND 1 100 700 MAIN, L-9 T2 1 14 T12 7 81.6 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, L-11 T8 1 84.84 T12 4 163.2 700 MAIN, L-11 T8 4 56.56 T12 3 163.2 700 MAIN, 1-2 T8 3 56.56 T12 6 163.2 700 MAIN, 1-3 T8 6 56.56 INCAND 4 100 700 MAIN, 1-3 T2 4 14 T12 3 163.2 700 MAIN, 1-3 T2 4 14 T12 3 163.2 700 MAIN, 1-4 T8 3 56.56 INCAND 4 100 700 MAIN, 1-5 T8 1 56.56 T12 1 163.2 700 MAIN, 1-5 T8 1 56.56 T12 1 163.2 700 MAIN, 1-6 T8 1 56.56 INCAND 4 100 700 MAIN, 1-7 T2 4 14 T12 17 163.2 700 MAIN, 1-7 T2 4 14 T12 17 163.2 700 MAIN, 1-8 T8 17 56.56 INCAND 4 163.2 700 MAIN, 1-9 T8 4 56.56 INCAND 1 40 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-11 T8 10 56.56 T12 2 81.6 700 MAIN, 1-11 T8 2 42.42 INCAND 6 100 700 MAIN, 1-12 T2 6 14 T12 17 81.6 700 MAIN, 1-13 T8 17 56.56 INCAND 1 100 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-15 T2 1 14 T12 1 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-1 T8 1 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-4 T8 1 56.56 INCAND 1 100 700 MAIN, 2-4 T8 1 56.56 INCAND 1 100 700 MAIN, 2-4 T8 1 56.56 INCAND 1 100 700 MAIN,							
T12 7 81.6 700 MAIN, L-10 T8 7 42.42 T12 1 163.2 700 MAIN, L-11 T8 1 84.84 T12 4 163.2 700 MAIN, I-1 T8 4 56.56 T12 3 163.2 700 MAIN, I-2 T8 3 56.56 T12 6 163.2 700 MAIN, I-3 T8 6 56.56 INCAND 4 100 700 MAIN, I-3 T2 4 14 T12 3 163.2 700 MAIN, I-4 T8 3 56.56 T12 1 163.2 700 MAIN, I-4 T8 3 56.56 T12 1 163.2 700 MAIN, I-5 T8 1 56.56 INCAND 4 100 700 MAIN, I-6 T8 1 56.56 INCAND 4 100 700 MAIN, I-7 T2 4 14 T12 17 163.2 700 MAIN, I-10 T2 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
T12 1 163.2 700 MAIN, L-11 T8 1 84.84 T12 4 163.2 700 MAIN, 1-1 T8 4 56.56 T12 3 163.2 700 MAIN, 1-2 T8 3 56.56 T12 6 163.2 700 MAIN, 1-3 T8 6 56.56 INCAND 4 100 700 MAIN, 1-3 T2 4 14 T12 3 163.2 700 MAIN, 1-4 T8 3 56.56 T12 1 163.2 700 MAIN, 1-5 T8 1 56.56 T12 1 163.2 700 MAIN, 1-6 T8 1 56.56 INCAND 4 100 700 MAIN, 1-7 T2 4 14 T12 17 163.2 700 MAIN, 1-8 T8 17 56.56 INCAND 1 40 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-11 T8 <td></td> <td></td> <td>100</td> <td>700 MAIN, L-9</td> <td></td> <td></td> <td>14</td>			100	700 MAIN, L-9			14
T12 4 163.2 700 MAIN, 1-1 T8 4 56.56 T12 3 163.2 700 MAIN, 1-2 T8 3 56.56 T12 6 163.2 700 MAIN, 1-3 T8 6 56.56 INCAND 4 100 700 MAIN, 1-3 T2 4 14 T12 3 163.2 700 MAIN, 1-4 T8 3 56.56 T12 1 163.2 700 MAIN, 1-5 T8 1 56.56 T12 1 163.2 700 MAIN, 1-6 T8 1 56.56 INCAND 4 100 700 MAIN, 1-7 T2 4 14 T12 17 163.2 700 MAIN, 1-8 T8 17 56.56 INCAND 1 40 700 MAIN, 1-9 T8 4 56.56 INCAND 1 40 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-11 T8 <td></td> <td>7</td> <td></td> <td>700 MAIN, L-10</td> <td>T8</td> <td></td> <td>42.42</td>		7		700 MAIN, L-10	T8		42.42
T12 3 163.2 700 MAIN, 1-2 T8 3 56.56 T12 6 163.2 700 MAIN, 1-3 T8 6 56.56 INCAND 4 100 700 MAIN, 1-3 T2 4 14 T12 3 163.2 700 MAIN, 1-4 T8 3 56.56 T12 1 163.2 700 MAIN, 1-5 T8 1 56.56 T12 1 163.2 700 MAIN, 1-6 T8 1 56.56 INCAND 4 100 700 MAIN, 1-6 T8 1 56.56 INCAND 4 100 700 MAIN, 1-7 T2 4 14 T12 17 163.2 700 MAIN, 1-8 T8 17 56.56 INCAND 1 40 700 MAIN, 1-9 T8 4 56.56 INCAND 1 40 700 MAIN, 1-10 T2 1 14 T12 2 81.6 700 MAIN, 1-11 T8	T12	1	163.2	700 MAIN, L-11	T8	1	84.84
T12 6 163.2 700 MAIN, 1-3 T8 6 56.56 INCAND 4 100 700 MAIN, 1-3 T2 4 14 T12 3 163.2 700 MAIN, 1-4 T8 3 56.56 T12 1 163.2 700 MAIN, 1-5 T8 1 56.56 T12 1 163.2 700 MAIN, 1-6 T8 1 56.56 INCAND 4 100 700 MAIN, 1-7 T2 4 14 T12 17 163.2 700 MAIN, 1-8 T8 17 56.56 INCAND 1 40 700 MAIN, 1-9 T8 4 56.56 INCAND 1 40 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-11 T8 10 56.56 T12 2 81.6 700 MAIN, 1-11 T8 10 56.56 T12 17 81.6 700 MAIN, 1-13 T8<	T12	4	163.2	700 MAIN, 1-1	T8	4	56.56
INCAND	T12	3	163.2	700 MAIN, 1-2	T8	3	56.56
T12 3 163.2 700 MAIN, 1-4 T8 3 56.56 T12 1 163.2 700 MAIN, 1-5 T8 1 56.56 T12 1 163.2 700 MAIN, 1-6 T8 1 56.56 INCAND 4 100 700 MAIN, 1-7 T2 4 14 T12 17 163.2 700 MAIN, 1-8 T8 17 56.56 T12 4 163.2 700 MAIN, 1-9 T8 4 56.56 INCAND 1 40 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-11 T8 10 56.56 T12 2 81.6 700 MAIN, 1-11 T8 2 42.42 INCAND 6 100 700 MAIN, 1-13 T8 17 56.56 INCAND 4 40 700 MAIN, 1-13	T12	6	163.2	700 MAIN, 1-3	T8	6	56.56
T12 1 163.2 700 MAIN, 1-5 T8 1 56.56 T12 1 163.2 700 MAIN, 1-6 T8 1 56.56 INCAND 4 100 700 MAIN, 1-7 T2 4 14 T12 17 163.2 700 MAIN, 1-8 T8 17 56.56 T12 4 163.2 700 MAIN, 1-9 T8 4 56.56 INCAND 1 40 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-11 T8 10 56.56 T12 2 81.6 700 MAIN, 1-11 T8 2 42.42 INCAND 6 100 700 MAIN, 1-13 T8 17 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-14	INCAND	4	100	700 MAIN, 1-3	T2	4	14
T12 1 163.2 700 MAIN, 1-6 T8 1 56.56 INCAND 4 100 700 MAIN, 1-7 T2 4 14 T12 17 163.2 700 MAIN, 1-8 T8 17 56.56 T12 4 163.2 700 MAIN, 1-9 T8 4 56.56 INCAND 1 40 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-11 T8 10 56.56 T12 2 81.6 700 MAIN, 1-11 T8 10 56.56 T12 2 81.6 700 MAIN, 1-11 T8 2 42.42 INCAND 6 100 700 MAIN, 1-13 T8 17 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-14 T8 2 56.56 INCAND 1 100 700 MAIN, 1-15	T12	3	163.2	700 MAIN, 1-4	T8	3	56.56
INCAND 4 100 700 MAIN, 1-7 T2 4 14 T12 17 163.2 700 MAIN, 1-8 T8 17 56.56 T12 4 163.2 700 MAIN, 1-9 T8 4 56.56 INCAND 1 40 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-11 T8 10 56.56 T12 2 81.6 700 MAIN, 1-11 T8 2 42.42 INCAND 6 100 700 MAIN, 1-12 T2 6 14 T12 17 81.6 700 MAIN, 1-13 T8 17 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-14 T8 2 56.56 INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 2-1 T8	T12	1	163.2	700 MAIN, 1-5	Т8	1	56.56
T12 17 163.2 700 MAIN, 1-8 T8 17 56.56 T12 4 163.2 700 MAIN, 1-9 T8 4 56.56 INCAND 1 40 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-11 T8 10 56.56 T12 2 81.6 700 MAIN, 1-11 T8 2 42.42 INCAND 6 100 700 MAIN, 1-12 T2 6 14 T12 17 81.6 700 MAIN, 1-13 T8 17 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-14 T8 2 56.56 INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 2-1 T8 16 42.42 T12 6 163.2 700 MAIN, 2-2 <td< td=""><td>T12</td><td>1</td><td>163.2</td><td>700 MAIN, 1-6</td><td>Т8</td><td>1</td><td>56.56</td></td<>	T12	1	163.2	700 MAIN, 1-6	Т8	1	56.56
T12 4 163.2 700 MAIN, 1-9 T8 4 56.56 INCAND 1 40 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-11 T8 10 56.56 T12 2 81.6 700 MAIN, 1-11 T8 2 42.42 INCAND 6 100 700 MAIN, 1-12 T2 6 14 T12 17 81.6 700 MAIN, 1-13 T8 17 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-14 T8 2 56.56 INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-16 T8 16 42.42 T12 6 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 <td< td=""><td>INCAND</td><td>4</td><td>100</td><td>700 MAIN, 1-7</td><td>T2</td><td>4</td><td>14</td></td<>	INCAND	4	100	700 MAIN, 1-7	T2	4	14
INCAND 1 40 700 MAIN, 1-10 T2 1 14 T12 10 163.2 700 MAIN, 1-11 T8 10 56.56 T12 2 81.6 700 MAIN, 1-11 T8 2 42.42 INCAND 6 100 700 MAIN, 1-12 T2 6 14 T12 17 81.6 700 MAIN, 1-13 T8 17 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-14 T8 2 56.56 INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-16 T8 16 42.42 T12 6 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3 T8<	T12	17	163.2	700 MAIN, 1-8	Т8	17	56.56
T12 10 163.2 700 MAIN, 1-11 T8 10 56.56 T12 2 81.6 700 MAIN, 1-11 T8 2 42.42 INCAND 6 100 700 MAIN, 1-12 T2 6 14 T12 17 81.6 700 MAIN, 1-13 T8 17 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-14 T8 2 56.56 INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-16 T8 16 42.42 T12 6 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3	T12	4	163.2	700 MAIN, 1-9	T8	4	56.56
T12 2 81.6 700 MAIN, 1-11 T8 2 42.42 INCAND 6 100 700 MAIN, 1-12 T2 6 14 T12 17 81.6 700 MAIN, 1-13 T8 17 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-14 T8 2 56.56 INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-16 T8 16 42.42 T12 6 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 56.56 T12 1 81.6 700 MAIN, 2-4 T8 <td>INCAND</td> <td>1</td> <td>40</td> <td>700 MAIN, 1-10</td> <td>T2</td> <td>1</td> <td>14</td>	INCAND	1	40	700 MAIN, 1-10	T2	1	14
INCAND 6 100 700 MAIN, 1-12 T2 6 14 T12 17 81.6 700 MAIN, 1-13 T8 17 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-14 T8 2 56.56 INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-16 T8 16 42.42 T12 6 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 56.56 T12 1 163.2 700 MAIN, 2-5 T8<	T12	10	163.2	700 MAIN, 1-11	T8	10	56.56
INCAND 6 100 700 MAIN, 1-12 T2 6 14 T12 17 81.6 700 MAIN, 1-13 T8 17 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-14 T8 2 56.56 INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-16 T8 16 42.42 T12 6 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 56.56 T12 1 163.2 700 MAIN, 2-5 T8<	T12	2	81.6	700 MAIN, 1-11	Т8	2	42.42
T12 17 81.6 700 MAIN, 1-13 T8 17 56.56 INCAND 4 40 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-14 T8 2 56.56 INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-16 T8 16 42.42 T12 6 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 56.56 T12 1 81.6 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-5 T8 </td <td>INCAND</td> <td>6</td> <td>100</td> <td>700 MAIN, 1-12</td> <td>T2</td> <td>6</td> <td>14</td>	INCAND	6	100	700 MAIN, 1-12	T2	6	14
INCAND 4 40 700 MAIN, 1-13 T2 4 28.28 T12 2 81.6 700 MAIN, 1-14 T8 2 56.56 INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-16 T8 16 42.42 T12 6 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 56.56 T12 1 163.2 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-5 T8 1 56.56	T12	17	81.6	,	Т8	17	56.56
T12 2 81.6 700 MAIN, 1-14 T8 2 56.56 INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-16 T8 16 42.42 T12 6 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 56.56 T12 1 81.6 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-5 T8 1 56.56							
INCAND 1 100 700 MAIN, 1-15 T2 1 14 T12 16 81.6 700 MAIN, 1-16 T8 16 42.42 T12 6 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 56.56 T12 1 81.6 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-5 T8 1 56.56		2	81.6		Т8	2	
T12 16 81.6 700 MAIN, 1-16 T8 16 42.42 T12 6 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 56.56 T12 1 81.6 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-5 T8 1 56.56				,			
T12 6 163.2 700 MAIN, 2-1 T8 6 56.56 INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 56.56 T12 1 81.6 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-5 T8 1 56.56				,			
INCAND 1 100 700 MAIN, 2-2 T2 1 14 T12 1 81.6 700 MAIN, 2-3 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 56.56 T12 1 81.6 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-5 T8 1 56.56				,			
T12 1 81.6 700 MAIN, 2-3 T8 1 42.42 T12 1 163.2 700 MAIN, 2-4 T8 1 56.56 T12 1 81.6 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-5 T8 1 56.56				,			
T12 1 163.2 700 MAIN, 2-4 T8 1 56.56 T12 1 81.6 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-5 T8 1 56.56				·			
T12 1 81.6 700 MAIN, 2-4 T8 1 42.42 T12 1 163.2 700 MAIN, 2-5 T8 1 56.56				,			
T12 1 163.2 700 MAIN, 2-5 T8 1 56.56				,			
,				,			
. 11/2 1 O.1.01 /UU/VIA-UN /=1 IA 1 4/4/	T12	1	81.6	700 MAIN, 2-5	T8	1	42.42

Existing	# of	wattage	Location (building, room #)	proposed	# of	wattage
lighting	existing	per	Escurion (sunaing, room ")	lighting	proposed	per
type	lighting	existing		type	lighting	proposed
	units	unit			units	unit
T12	14	163.2	700 MAIN, 2-6	T8	14	56.56
T12	1	81.6	700 MAIN, 2-6	T8	1	42.42
T12	8	163.2	700 MAIN, 2-7	T8	8	56.56
T12	1	81.6	700 MAIN, 2-8	T8	1	56.56
T12	5	163.2	700 MAIN, 2-9	T8	5	56.56
T12	5	163.2	700 MAIN, 2-10	T8	5	56.56
T12	1	163.2	700 MAIN, 2-11	T8	1	56.56
T12	6	163.2	700 MAIN, 2-12	T8	6	56.56
T12	1	81.6	700 MAIN, 2-13	T8	1	56.56
T12	10	81.6	700 MAIN, 2-14	T8	10	42.42
INCAND	1	100	601 MAIN, L-1	T2	1	14
INCAND	4	100	601 MAIN, L-2	T8	4	56.56
INCAND	1	100	601 MAIN, L-3	T2	1	14
INCAND	3	100	601 MAIN, L-4	T8	3	56.56
T12	12	81.6	601 MAIN, L-5	T8	12	56.56
T12	2	81.6	601 MAIN, L-6	T8	2	56.56
INCAND	4	100	601 MAIN, L-7	T8	4	56.56
INCAND	2	100	601 MAIN, L-8	T8	2	56.56
INCAND	2	100	601 MAIN, L-9	T8	2	56.56
T12	2	81.6	601 MAIN, L-10	T8	2	56.56
T12	13	163.2	601 MAIN. 1-1	T8	13	84.84
INCAND	1	100	601 MAIN, 1-2	T2	1	14
INCAND	1	75	601 MAIN, 1-3	T2	1	14
INCAND	1	75	601 MAIN, 1-4	T2	1	14
T12	2	163.2	601 MAIN, 1-4	T8	2	84.84
T12	2	81.6	601 MAIN, 1-5	T8	2	56.56
INCAND	2	100	601 MAIN, 1-6	T2	2	14
T12	4	163.2	601 MAIN, 1-7	T8	4	84.84
T12	1	81.6	601MAIN, 1-7	T8	1	42.42
T12	2	81.6	601 MAIN, 1-8	T8	2	56.56
T12	2	81.6	601 MAIN, 1-8	T8	2	42.42
T12	2	163.2	601 MAIN, 1-9	T8	2	84.84
INCAND	2	100	601 MAIN, 1-9	T2	2	14
T12	1	81.6	601 MAIN, 1-10	Т8	1	42.42
T12	1	163.2	601 MAIN, 1-11	T8	1	84.84
T12	4	163.2	601 MAIN, 1-12	T8	4	84.84
T12	7	24	601 MAIN, 1-12	T8	7	14
T12	8	81.6	601 MAIN, 1-12	T8	8	56.56
T12	24	40.8	601 MAIN, 1-12	T8	24	28.28
T12	2	24	601 MAIN, 1-12	T8	2	14.14
T12	3	163.2	601 MAIN, 1-13	Т8	3	84.84
INCAND	4	75	601 MAIN, 1-13	T2	4	14
T12	3	163.2	601 MAIN, 1-14	T8	3	84.84

Existing	# of	wattage	Location (building, room #)	proposed	# of	wattage
lighting	existing	per		lighting	proposed	per
type	lighting	existing		type	lighting	proposed
TT10	units	unit	CO1 MAINI 1 15	TT0	units	unit
T12	1	81.6	601 MAIN, 1-15	T8	1	42.42
T12	1	24	601 MAIN, 1-16	T8	1	14
T12	2	81.6	601 MAIN, 1-17	T8	2	42.42
T12	4	163.2	601 MAIN, 1-18	T8	4	84.84
T12	4	163.2	601 MAIN, 1-19	T8	4	84.84
T12	2	81.6	601 MAIN, 1-20	T8	2	56.56
T12	4	163.2	601 MAIN, 1-21	Т8	4	84.84
T12	4	163.2	601 MAIN, 1-22	Т8	4	84.84
T12	4	163.2	601 MAIN, 1-23	Т8	4	84.84
T12	1	81.6	601 MAIN, 1-24	Т8	1	42.42
T12	2	163.2	601 MAIN, 1-25	T8	2	84.84
T12	6	163.2	601 MAIN, 2-1	T8	6	14
INCAND	1	75	601 MAIN, 2-2	T2	1	14
INCAND	2	75	601 MAIN, 2-3	T2	2	14
INCAND	4	100	601 MAIN, 2-3	T2	4	14
INCAND	2	100	601 MAIN, 2-4	T2	2	14
INCAND	1	100	601 MAIN, 2-5	T2	1	14
T12	4	163.2	601 MAIN, 2-6	T8	4	84.84
INCAND	6	100	601 MAIN, 2-7	T2	6	14
INCAND	4	75	601 MAIN, 2-8	T2	4	14
T12	1	163.2	601 MAIN, 2-9	T8	1	84.84
T12	12	163.2	601 MAIN, 2-10	T8	12	84.84
T12	6	163.2	601 MAIN, 2-11	T8	6	84.84
T12	1	163.21	601 MAIN, 2-12	Т8	1	84.84
T12	11	163.21	601 MAIN, 2-13	T8	11	84.84
T12	5	163.21	601 MAIN, 2-14	Т8	5	84.84
T12	1	40.8	601 MAIN, 2-15	Т8	1	28.28
T12	2	163.2	601 MAIN, 2-16	Т8	2	84.84
T12	2	81.6	601 MAIN, 2-17	Т8	2	56.56
T12	1	163.2	601 MAIN, 2-18	Т8	1	84.84
T12	2	163.2	601 MAIN, 2-19	Т8	2	84.84
INCAND	1	100	601 MAIN, 2-20	T2	1	14
T12	2	163.2	601 MAIN, 2-21	Т8	2	84.84
INCAND	2	75	601 MAIN, 2-22	T2	2	14
INCAND	2	75	601 MAIN, 2-23	T2	2	14
INCAND	4	75	601 MAIN, 2-24	T2	4	14
T12	2	163.2	601 MAIN, 2-25	T8	2	84.84
T12	2	163.2	601 MAIN, 2-26	T8	2	84.84
T12	2	163.2	601 MAIN, 2-27	T8	2	84.84
112		103.2	001 11111111111111111111111111111111111	10		01.07

Existing	# of	wattage	Location (building, room #)	proposed	# of	wattage
lighting	existing	per		lighting	proposed	per
type	lighting	existing		type	lighting	proposed
	units	unit			units	unit
T12	2	163.2	601 MAIN, 2-28	T8	2	84.84
T12	2	163.2	601 MAIN, 2-29	T8	2	84.84
T12	2	163.2	601 MAIN, 2-30	T8	2	84.84
T12	2	163.2	601 MAIN, 2-31	T8	2	84.84
T12	12	163.2	601 MAIN, 2-32	T8	12	84.84
T12	2	163.2	601 MAIN, 2-33	T8	2	84.84
INCAND	4	200	601 MAIN, 3-1	T2	4	56
INCAND	4	200	601 MAIN, 3-2	T2	4	56
INCAND	1	100	601 MAIN, 3-3	T2	1	14
T12	1	163.2	601 MAIN, 3-4	T8	1	84.84
T12	2	326.4	601 MAIN, 3-5	T8	2	84.84
T12	14	163.20	601 MAIN, 3-6	Т8	14	84.84
T12	2	163.2	423 FULTON, 1-1	Т8	2	84.84
T12	4	163.2	423 FULTON, 1-2	Т8	4	84.84
T12	1	163.2	423 FULTON, 1-3	Т8	1	84.84
T12	6	192	423 FULTON, 1-4	Т8	6	113.12
T12	24	192	423 FULTON, 1-5	Т8	24	163
T12	8	192	423 FULTON, 1-6	T8	8	163
T12	3	192	423 FULTON, 2-1	T8	3	163
		-	MOTION SENSORS		43	

U.S. DEPARTMENT OF ENERGY GOLDEN FIELD OFFICE



ENVIRONMENTAL CHECKLIST

(To Be Completed by Potential Recipient)

The Department of Energy (DOE) is required by the National Environmental Policy Act (NEPA) of 1969 as amended (42 U.S.C. 4332(2), 40 CFR parts 1500-1508) and DOE implementing regulations (10 CFR 1021) to consider the environmental effects resulting from federal actions, including providing financial assistance. Please provide the following information to facilitate DOE's environmental review. DOE needs to evaluate the requested information as part of your award negotiation.

Instructions and Handbook: Terms that appear in blue have more detailed information available to assist you in completing the form. Save the form to your local directory. Leave your internet browser open and open the form in Word from the local directory. Click on the blue term and it will automatically open the handbook at the appropriate place. Click on the back button to return to your form. Or, you may click here to open the handbook.

PART I:	General Information
Project Title:	City of Tell City – 700 Main Street, 601 Main Street, & 423 Fulton Street. Tell City, IN 47586
would the Describe the analysis, ed	cribe the intended use of DOE funding in your proposed project. For example, funding be applied to the entire project or only support a phase of the project? ne activity as specifically as possible, i.e. planning, feasibility study, design, data ducation or outreach activities, construction, capital purchase and/or equipment or modification.
existi using	proposed project involves the contracted retrofitting of the approximately 544 ng fluorescent lighting fixtures with new high efficiency fluorescent fixtures, the same footprints and styles as the existing fixtures. There will be no eable/visible consequence of these lighting retrofits.
regional, lo	part of your project require review and/or permitting by any other federal, state, ocal, environmental, or regulatory agency? X Yes \sum No ase provide a list of required reviews and permits in the appropriate item number in
docui Reso	City of Tell City, IN has forwarded Section 106 Historic Review materials, mentation, and photographs to the Indiana Department of Natural surces, Division of Historic Preservation and Archaeology, for their review of roposed project.
☐ Yes	view (e.g., NEPA documentation, permits, agency consultations) been completed? X No finding or report available and how can a copy be obtained?
4. Is the prop describe.	osed project part of a larger scope of work? Yes X No If yes, please
Do you ant ☐ Yes	ticipate requesting additional federal funding for subsequent phases of this project? X No (Not anticipated at this time) If yes, please describe.
	19

<u>5.</u>	Doe	s the scope of your project only involve one or more of the following:
		Information gathering such as literature surveys, inventories, audits,
		Data analysis including computer modeling,
		Document preparation such as design, feasibility studies, analytical energy supply and
		demand studies, or
		Information dissemination, including document mailings, publication, distribution,
		training, conferences, and informational programs.
	If t	the scope of your project is limited to the block(s) checked above, please skip to
		Part III, otherwise, continue to Part II.

PART II: Environmental Considerations

<u>Table A.</u> Please indicate if any of the following conditions or special areas is present, required, or could be affected by your project:

	or could be affected by your p	Toject.	T =
Item No.	Description	Yes/No	Specific nature or type of activity or condition. If a consultation, approval, or permit applies, please describe.
1	Clearing or Excavation (indicate if greater than 1 acre)	No	
2	Dredge and/or Fill. Specify the number of acres involved.	No	
3	New or Modified		
	Federal/State Permits And/or Requests for Exemptions	No	
4	Pre-Existing Contamination	No	
5	<u>Asbestos</u>	No	
6	Criteria Pollutants	No	
7	Non-Attainment Areas	No	
8	Class I Air Quality Control Region	No	
9	Navigable Air Space	No	
10	Areas with Special Designation (e.g., National Forests, Parks, Trails)	No	
11	Prime, Unique or Important Farmland	No	
12	Archeological/Cultural Resources	Yes	Section 106 Review materials have been sent to the IN Dept. of Natural Resources, Division of Historic Preservation and Archaeology, for review.
13	Threatened/Endangered Species and/or Critical Habitat	No	
14	Other Protected Species (Wild Burros, Migratory Birds)	No	
15	Floodplains	No	
16	Special Sources of Groundwater (e.g., Sole Source Aquifer)	No	

17	Underground		
	Extraction/Injection		
	(non-hazardous substances)	No	
18	<u>Wetlands</u>	No	
19	Coastal Zones	No	
20	Public Issues or Concerns	No	
21	<u>Noise</u>	No	
22	Depletion of a Non-		
	Renewable Resource	No	
23	<u>Aesthetics</u>	No	

Table B. Would your project use, disturb, or produce any chemicals or biological substances? (i.e., pesticides, industrial process, fuels, lubricants, bacteria) If not, skip to Section C. Please indicate if any of the materials or processes listed below applies

1nd1cate	indicate if any of the materials or processes listed below applies.						
Item No.	Description	Yes/No	Quantity	Permit	Specific type, use, or condition		
NO.				required? Type?	or condition		
1	Polychlorinated						
	Biphenyls (PCBs)	No					
2	Import, Manufacture, or						
	Processing of Toxic						
	Substances	No					
3	Chemical Storage, Use,						
	and Disposal	No					
4	Pesticide Use	No					
5	Hazardous, Toxic, or						
	Criteria Pollutant Air						
	Emissions	No					
6	<u>Liquid Effluent</u>	No					
7	Underground						
	Extraction/Injection						
	(hazardous substances)	No					
8	<u>Hazardous Waste</u>	No					
9	<u>Underground Storage</u>						
	<u>Tanks</u>	No					
10	Biological Materials.						
	Indicate if genetically						
	altered materials are						
	involved.	No					

Table C. Would your project require or produce any radiological materials? If not, skip to

Please indicate if any of the materials listed below applies

Item	Description	Yes/No	Quantity	Permit	Specific nature of use
No.	_			required?	_
				Type?	
1	Radioactive Mixed				
	Waste	No			
2	Radioactive Waste	No			
3	Radiation Exposures	No			

Part III: Contact Information

Please provide the name of the preparer of this form and a contact person who can answer questions or provide additional information.

Preparer	Barbara Ewing	Telephone Number	E-mail Address	r
Contact	Mack	Telephone Number	E-mail Address	